



## ENVIRONMENTAL FIELD REPORT- END OF SEASON

Submit this form to the RPSC Field Support Manager during your Outbrief (PI-managed field events) or with your End of Season Report (RPSC-managed camps). In the past, field data has not been available for reporting required by ACA. The information you provide below will be used to better meet ACA requirements. Thanks in advance for your time and effort.

Field Camp or Location Name (include all alternate names)

RPSC Field Camp Supervisor

OR

Principal Investigator

### CAMP OR FIELD PARTY OPERATION PERIOD Exclude Lake Hoare, Bonney, F6 and Fryxell

Put-in Date:		Close-out Date:		
Number of Participants	*	Days Spent in the Field	=	Number of Man Days <sup>[1]</sup>

<sup>[1]</sup> Use the back of the form for additional space if necessary. Man-days are used to estimate waste and greywater volumes.

**LIST GPS COORDINATES** for locations where you placed science equipment, collected cores or pit samples, set up a temporary camp, released, or otherwise disturbed. Use back of paper or attachment, as necessary.

GPS COORDINATES	DESCRIPTION

### FUEL USE

Provide the following for commonly used fuels (e.g., diesel, gasoline, premix, propane, Coleman fuel):

Type of Fuel	Maximum Quantity Available	Type of Use <sup>[2]</sup>	Total Quantity Used	Quantity Remaining at Camp Close-out

<sup>[2]</sup> Types of Use includes: power generation, heating and water production, vehicles, equipment, and other (please list).

## OTHER HAZARDOUS MATERIAL USE

List the types of hazardous material available in the field, for both operations and scientific research:

Type of Hazardous Material	Total Quantity (<1lb, 1-50lb, 50-200lb, >200lb)	Type of Hazardous Material	Total Quantity (<1lb, 1-50lb, 50-200lb, >200lb)
Adhesives & Cements		Fire Extinguishers	
Batteries		Foams	
Chemicals, Lab		Glycol	
Chemicals, Industrial		Inks, Pigments, & Dyes	
Cleaners & Detergents		Mercury Articles	
Compressed Gas		Refrigerants	
Disinfectants		Solvents	
Explosives, Incendiary Devices		Oil & Lubricants	
Fluorescent Lamps/Tubes		Sealants & Waxes	

## WASTE GENERATION

Identify the following types of wastes generated at the camp:

Waste Streams	Number and Size of Containers
TOTAL SOLID WASTE (recyclable, disposable, combustible)	
SEWAGE (CONTAINERIZED)	
Greywater	
Urine	
Human Solid Waste	
HAZARDOUS WASTE	

## WASTEWATER DISCHARGED

If wastewater (i.e., urine, greywater, human solid waste, mixed) was discharged at your camp, describe how waste was discharged, number of discharge locations, and estimated volume discharged per location.

## MATERIAL RELEASED (planned and accidental)

Materials Released <sup>[3]</sup>	Estimate of Quantity (unit)	Frequency or Date of Release	If release is accidental, note cleanup action, and whether a report was filed

*[3] Materials released includes gaseous, liquid or solid discharges, any release of scientific materials, abandoned or irretrievable materials such as cables, timbers, weather balloons, and instruments, and, accidental releases (e.g., spills, leaks, including any recurring operational releases.) Exclude air emissions from fuel combustion.*

## FUEL AND WASTE HANDLING INNOVATIONS

Describe any way that you or your team could be better assisted to manage waste and/or fuels in the field. In particular, list or draw any equipment that you feel would reduce small spills or improve the way fuel and waste is handled in the field.

## CAMP CLOSEOUT (Fuel, Hazardous Materials, Waste)

Identify the type and total quantities of any fuel, hazardous materials, or wastes that remained in field at camp closeout. [You may attach end of season inventories, if available.] Describe plans for removal or future use of these materials.

Material	Number and Size of Containers
FUEL	
HAZARDOUS MATERIALS	
WASTE	

## End of Season Report Form Instructions

- Please complete the form thoroughly and turn it in at the Out-brief
- Completion of the Form is a requirement of each Science Group
- Field Camp Managers must complete a form separately
- Please place specific emphasis on GPS coordinates of any science equipment installations, sampling or coring locations, temporary camps, releases (intentional or unintentional), and/or disturbances of any kind (past or present)
- If you go to the Dry Valleys, GPS coordinates for each of the following cases is required under the ASMA Plan:
  - Sample sites
  - Soil pits
  - Helo landing sites, if not an established landing site
  - Tent sites outside facilities zones (remote camps)
  - Fuel storage locations outside facilities zones
  - Waste handling and storage location outside facilities zones
- Enter the GPS data into the DRY VALLEY ASMA DATABASE found on the McMurdo Intranet at: <https://polarice.mcmurdo.usap.gov/geotracking/>.
- At the end of your field season, print out and attach the log of your environmental disturbance GPS information to the End of Season Report form and submit at your Outbrief.